

Title (en)
Horizontally structured CAD/CAM modeling

Title (de)
Horizontal strukturiertes CAD/CAM Modellieren

Title (fr)
Modélisation CAD/CAM à structure horizontale

Publication
EP 1580696 A2 20050928 (EN)

Application
EP 05075643 A 20050317

Priority
US 80592504 A 20040322

Abstract (en)
A method for converting a vertically structured CAD/CAM Model (10) to a horizontally structured CAD/CAM Model, comprising: identifying and establishing a base feature (12); establishing a parent coordinate system (20); identifying a parent modeling element; identifying each dependency for each feature from the parent modeling element (13a); restructuring each dependency for each feature (14) for placement, such that each feature (14) exhibits a direct associative relationship with a reference feature; and restructuring each dependency for each feature (14) for positioning, such that each feature (14) exhibits a direct associative relationship with another reference feature.

IPC 1-7
G06T 17/40

IPC 8 full level
G06T 17/00 (2006.01); **G06F 17/00** (2006.01); **G06T 17/40** (2006.01)

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Cited by
US10353916B2; WO2017164937A1

Designated contracting state (EPC)
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EP 1580696 A2 20050928; EP 1580696 A3 20060621; US 2005209834 A1 20050922; US 7472044 B2 20081230

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